Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103229.D
Acq On : 26 Feb 2018 20:38
Operator : SJ/JU
Sample : J1691-33 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9

Quant Time: Feb 27 00:53:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161092	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	648579	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	259585	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	386782	20.00	ng	0.00
75) Chrysene-d12	14.05	240	294137	20.00	ng	0.00
86) Perylene-d12	15.55	264	201541	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	318897	29.94	ng	0.00
7) Phenol-d6	6.50	99	376305	28.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	211968	18.66	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	52186	23.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	378836	19.67	ng	0.00
78) Terphenyl-d14	12.99	244	269539	22.03	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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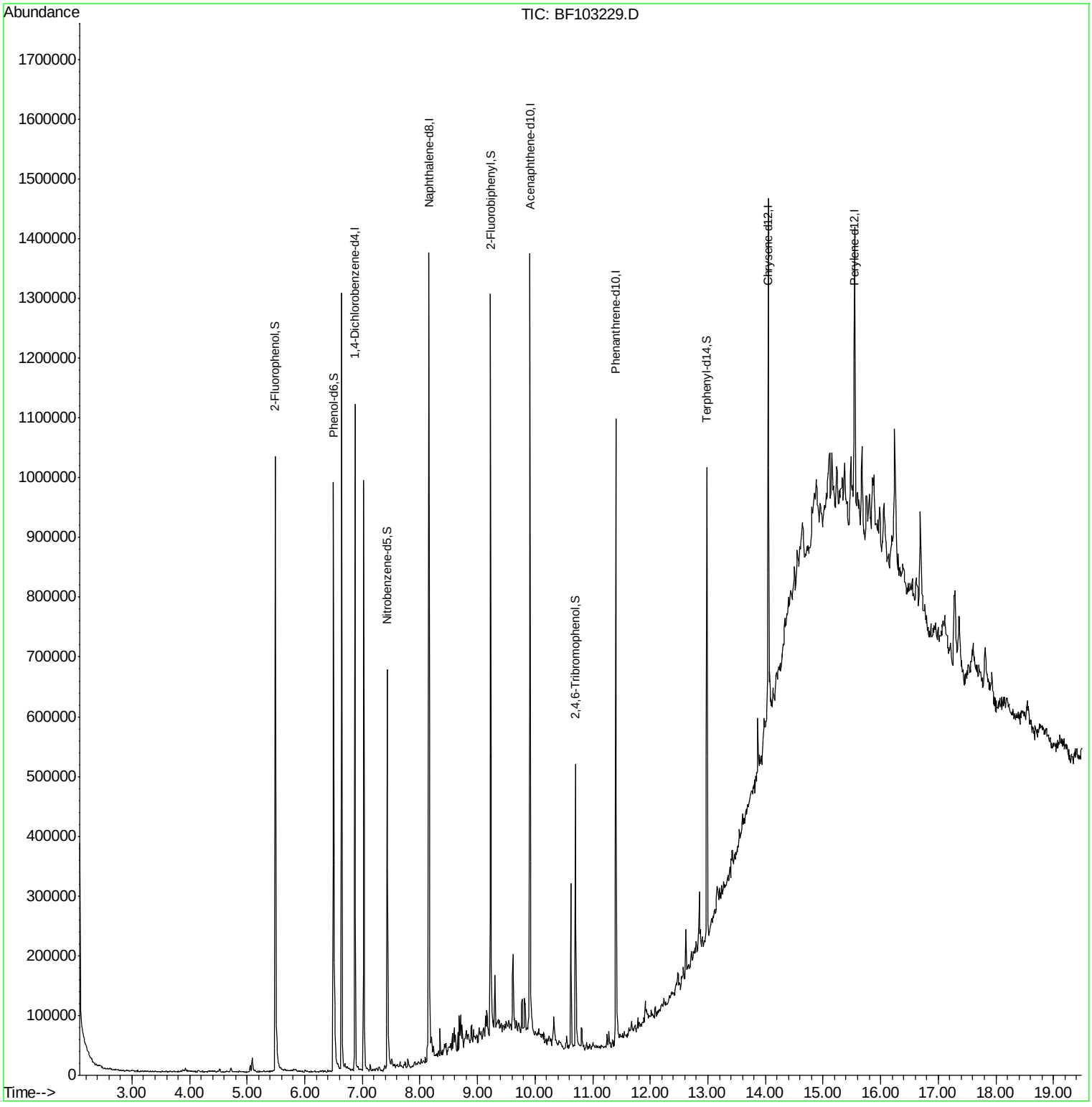
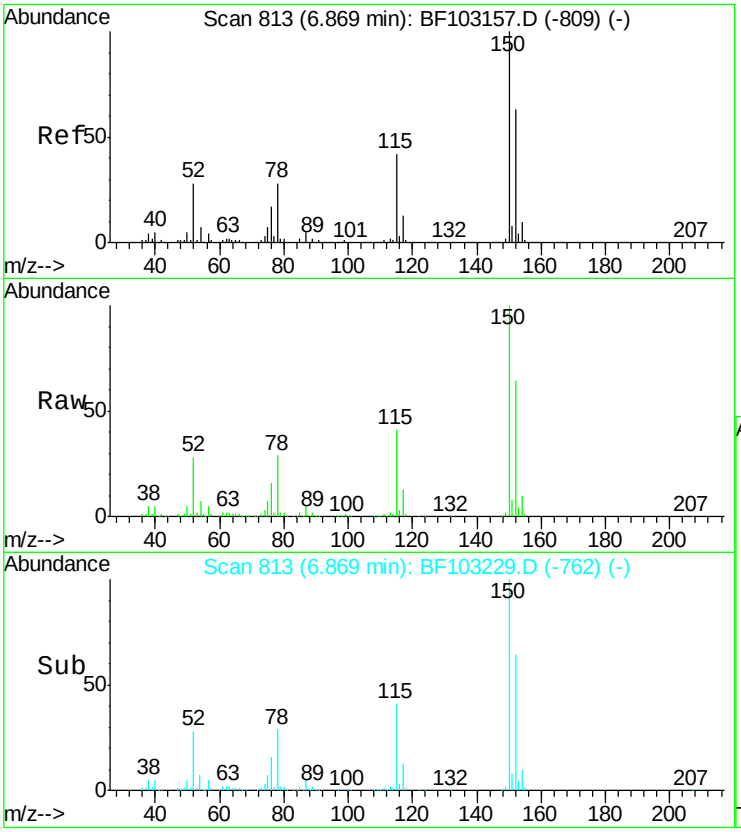


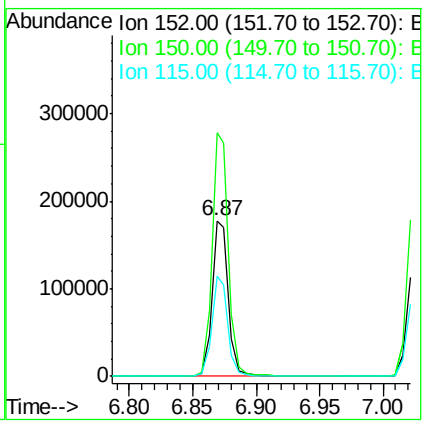


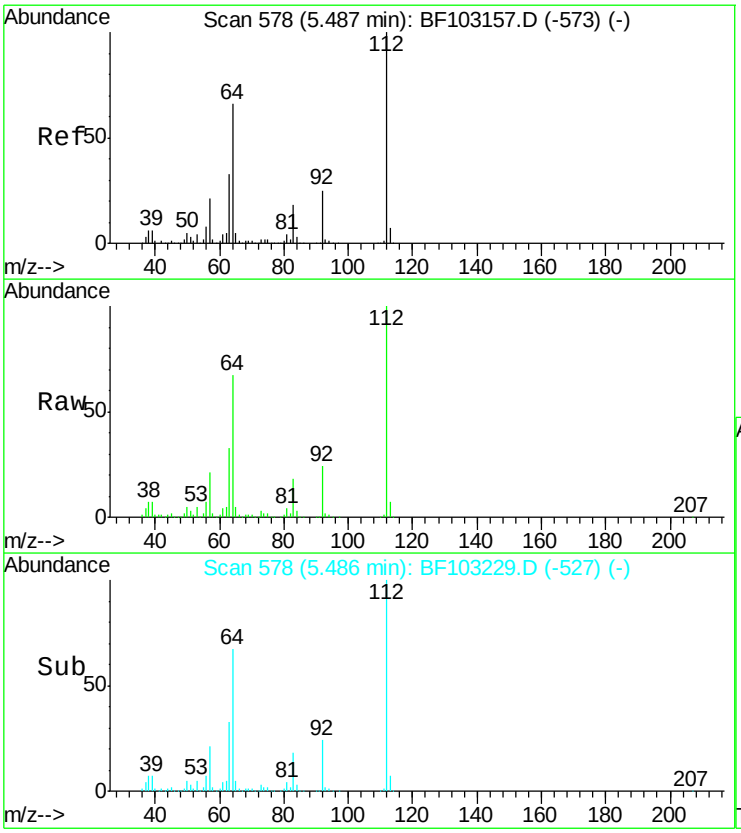
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Instrument :
BNA_F
ClientSampleId :
B9

Tgt Ion:152 Resp: 161092

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.4	50.1	75.1

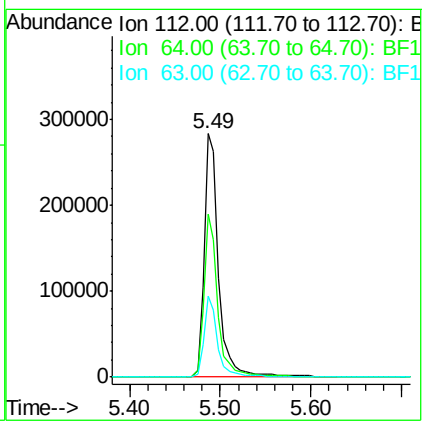


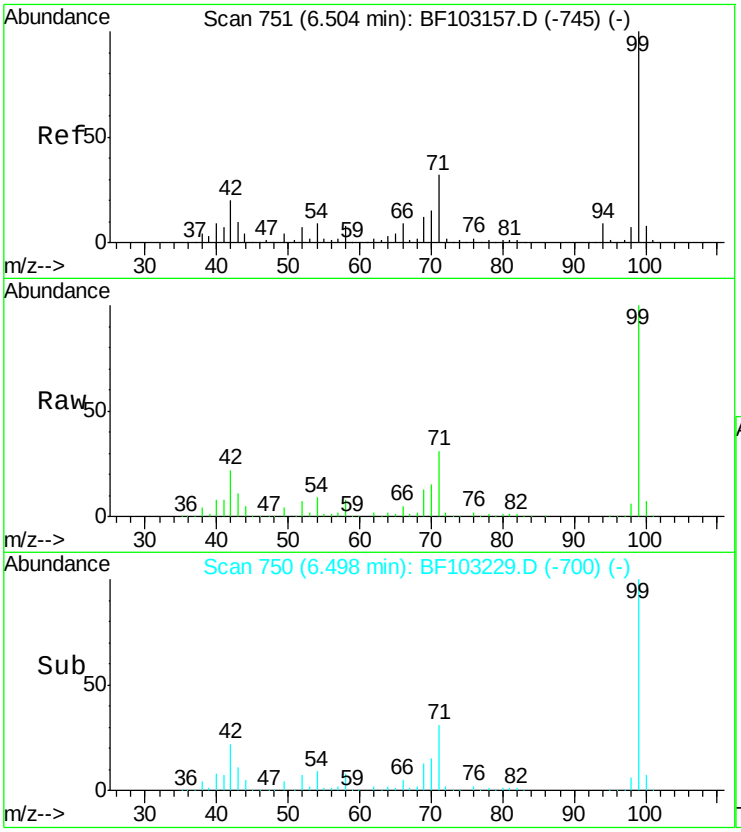


#5
2-Fluorophenol
Concen: 29.940 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Tgt Ion:112 Resp: 318897

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	33.2	23.7	35.5



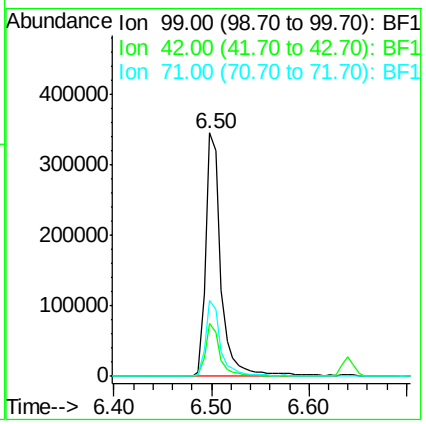


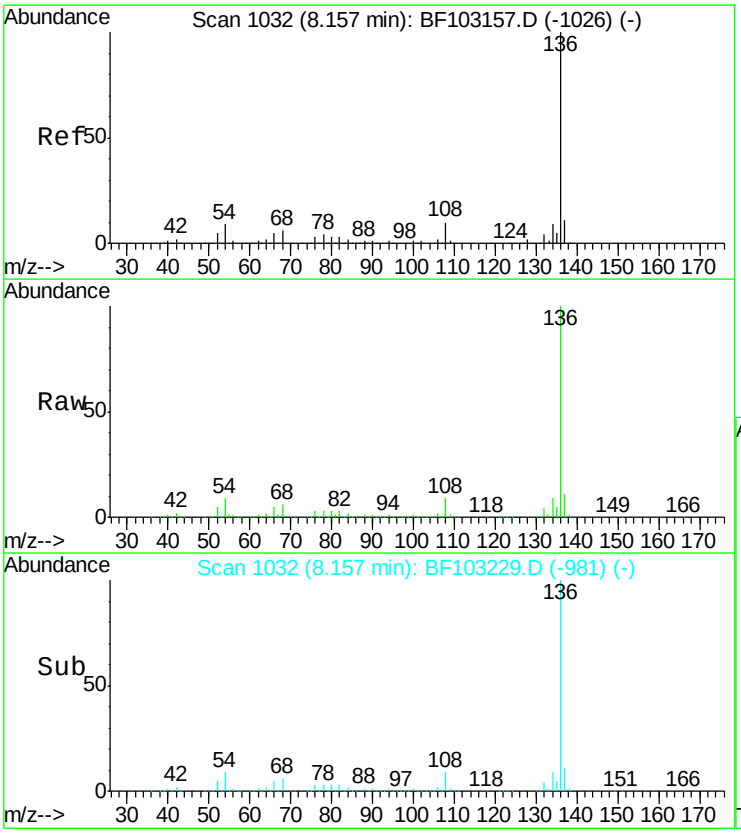
#7
Phenol-d6
Concen: 28.872 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Instrument :
BNA_F
ClientSampleId :
B9

Tgt Ion: 99 Resp: 376305

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	31.0	25.4	38.0

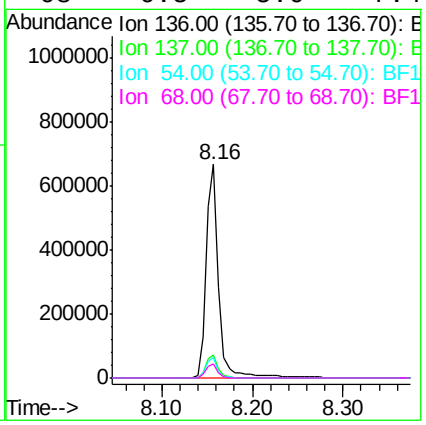


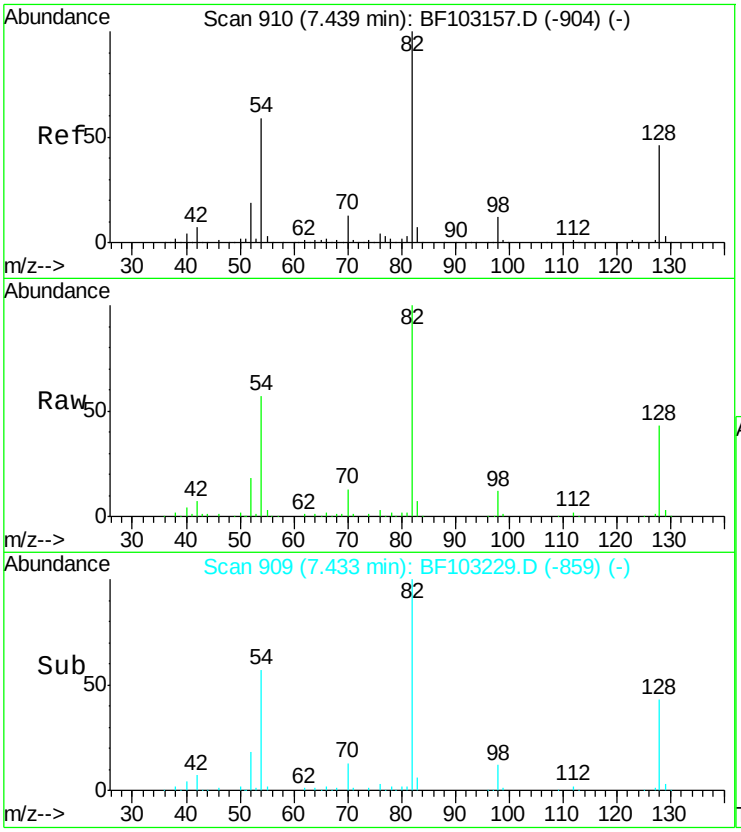


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Tgt Ion:136 Resp: 648579

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4



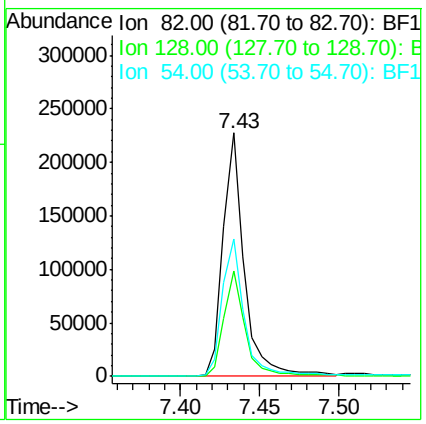


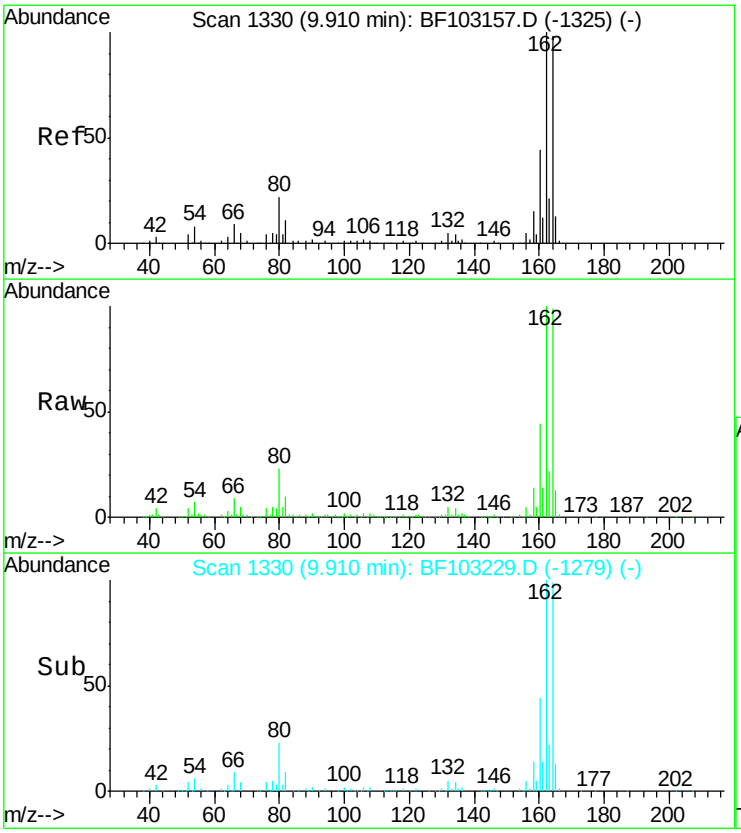
#23
Nitrobenzene-d5
Concen: 18.664 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Instrument :
BNA_F
ClientSampleId :
B9

Tgt Ion: 82 Resp: 211968

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	56.5	41.4	62.2

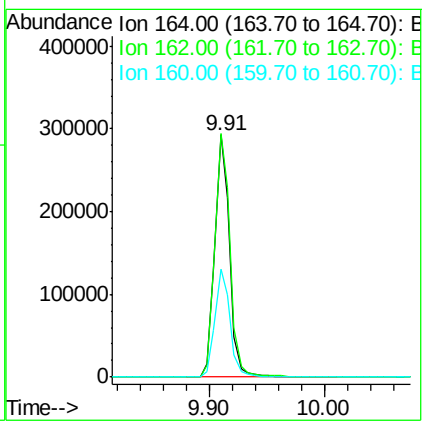


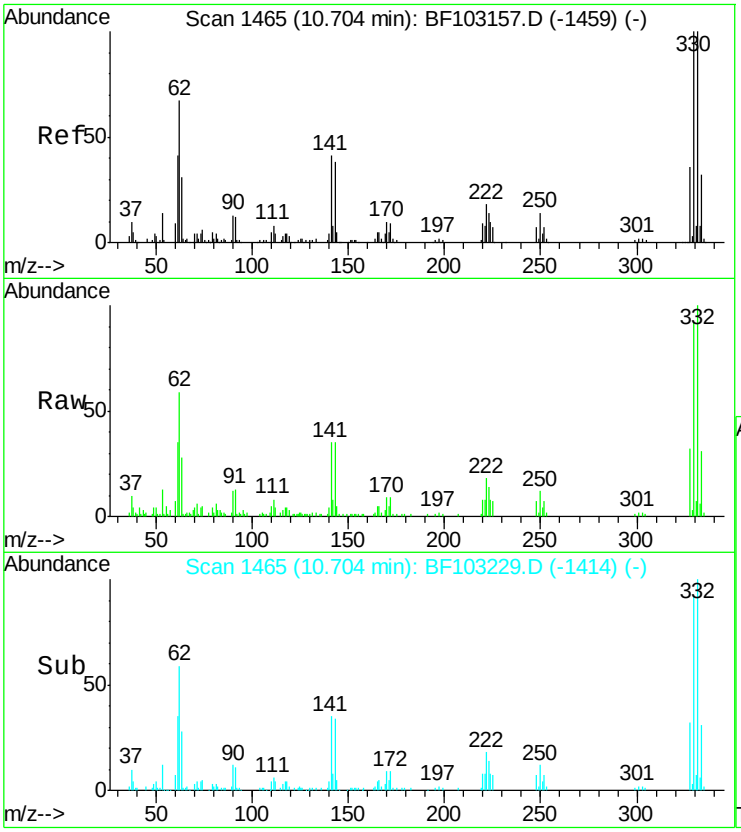


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Tgt Ion:164 Resp: 259585

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	44.5	38.3	57.5



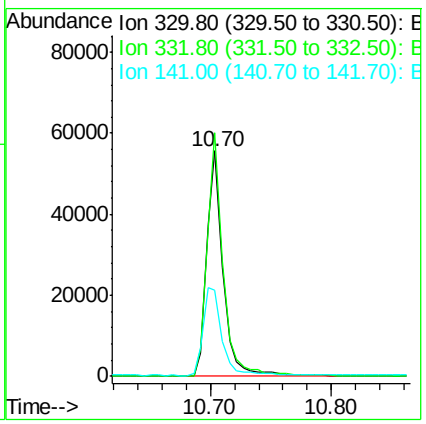


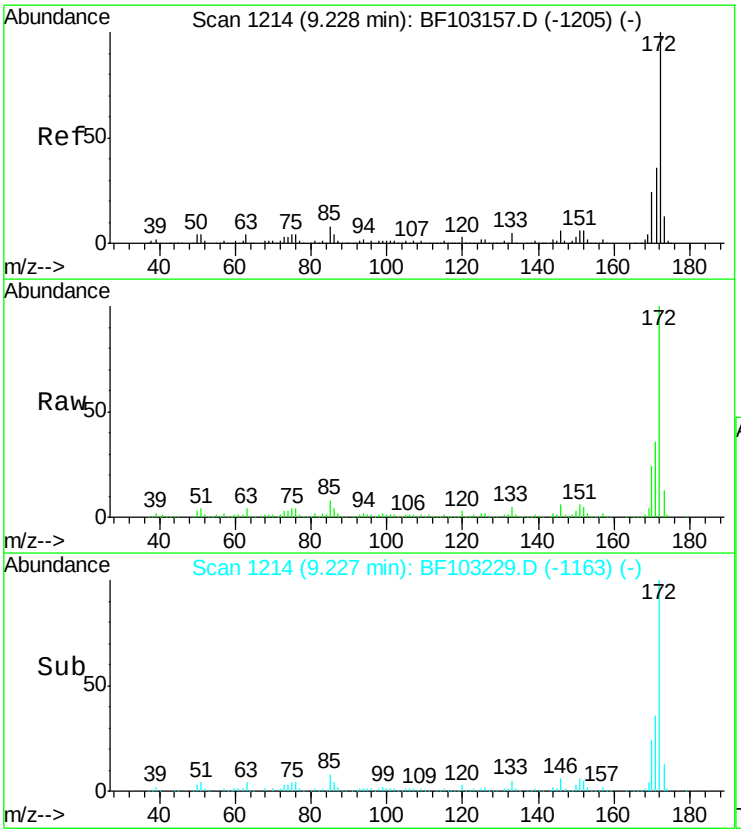
#41
2,4,6-Tribromophenol
Concen: 23.751 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Instrument :
BNA_F
ClientSampleId :
B9

Tgt Ion:330 Resp: 52186

Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.0	115.6
141	47.6	29.9	44.9#

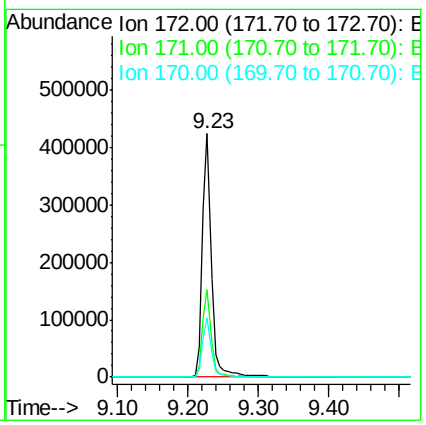


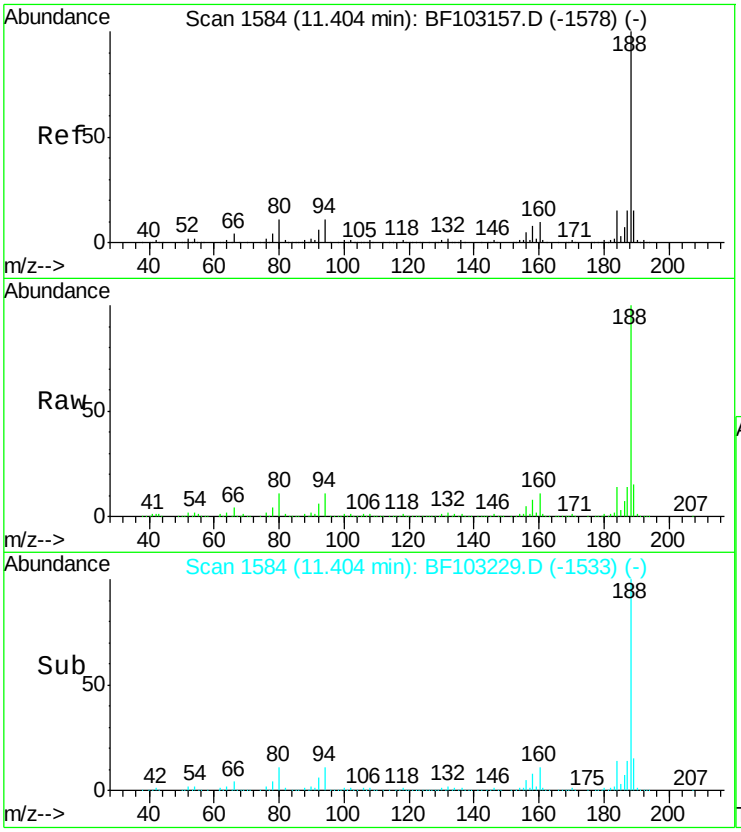


#44
2-Fluorobiphenyl
Concen: 19.671 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Tgt Ion:172 Resp: 378836

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4



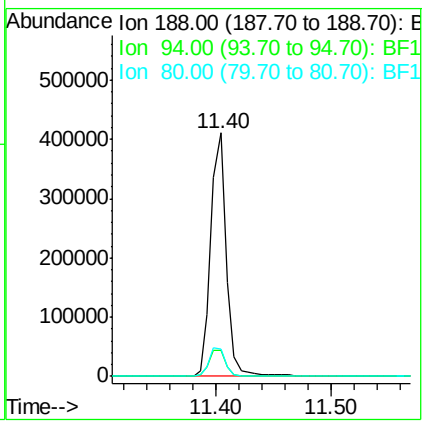


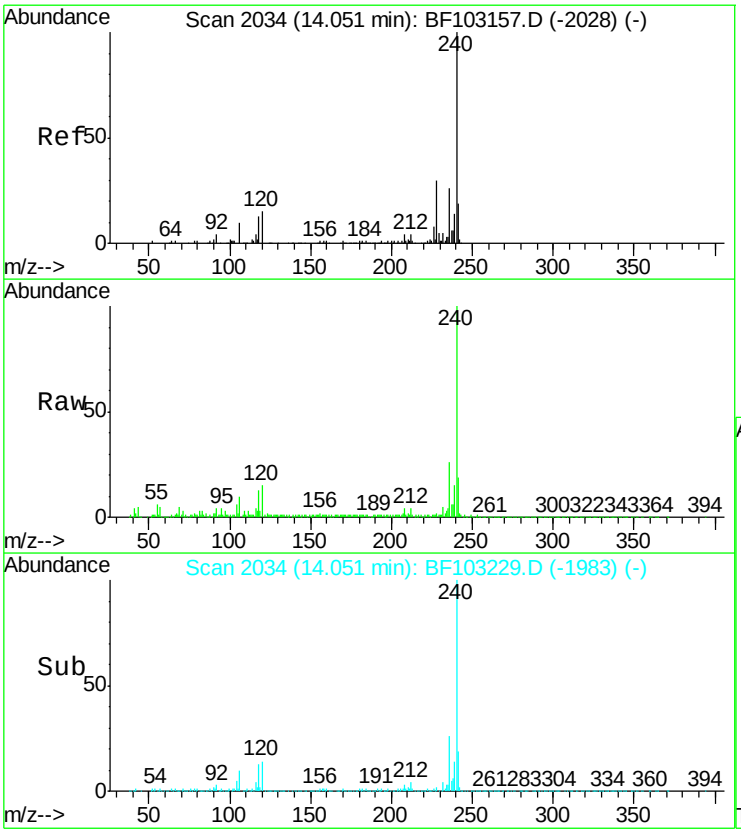
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Instrument :
BNA_F
ClientSampleId :
B9

Tgt Ion:188 Resp: 386782

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

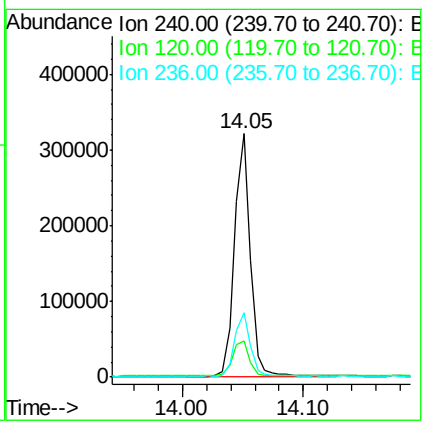


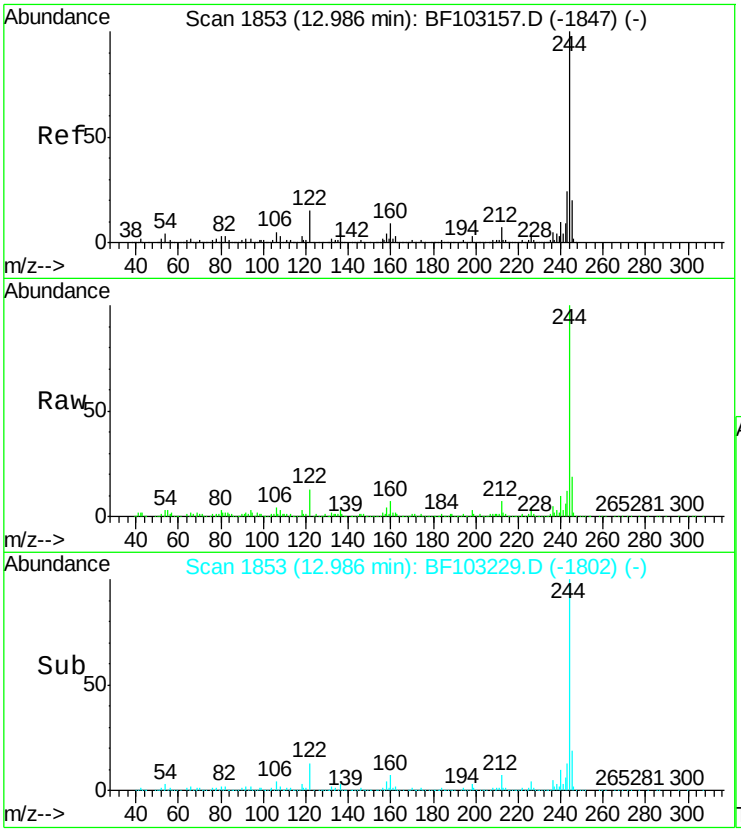


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Tgt Ion:240 Resp: 294137

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.3	20.7	31.1



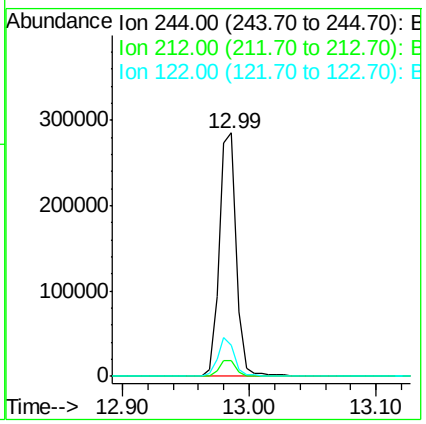


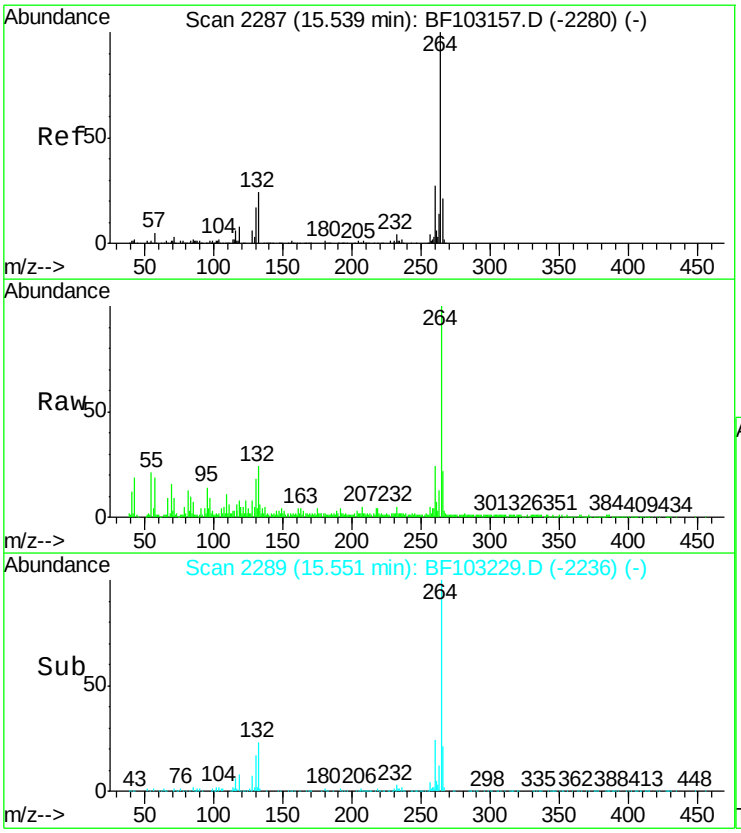
#78
Terphenyl-d14
Concen: 22.028 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Instrument :
BNA_F
ClientSampleId :
B9

Tgt Ion:244 Resp: 269539

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103229.D
Acq: 26 Feb 2018 20:38

Tgt Ion:264 Resp: 201541

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3